

Name: Arjun Rao

Summary:

Arjun Rao is an Embedded Systems Engineer with 6 years of experience designing firmware for microcontroller-based systems. He has worked on automotive ECUs, smart sensors, and IoT devices.

Key Skills:

C/C++ for Embedded Systems

RTOS (FreeRTOS, Zephyr)

ARM Cortex, AVR

UART, SPI, I2C Protocols

PCB Debugging Tools (Oscilloscope, Logic Analyzer)

Bare-metal Programming

Low-power Optimization

Firmware Testing

Certifications:

Embedded Systems Specialization – Coursera

ARM Developer Certificate – Arm Education

IoT Hardware Design – NPTEL

Education:

BE in Electronics, Techno India University, 2013–2017